

Case study – Treatment with “B-Cure Laser Sport Pro”

In this case study, the effectiveness of the B-Cure Laser Sport Pro device was tested in the treatment of frozen shoulder.

On December 9, 2014, a woman of 45 arrived at my clinic with main and extreme limited movement of her left shoulder - Sudden Onset Frozen Shoulder, resulting from unknown causes.

The patient denied a history of trauma to the shoulder, and there is no report of an event that may explain the phenomenon. Her life partner was suffering from prostate cancer, a fact that caused much stress in her life, both psychologically and from the point of view of housekeeping tasks which she carried out while also running her own shoe store, and working in it full time.

An examination showed a weakening of the shoulder muscles, the Rotator Cuff, and pain involved in any attempt to move her left shoulder joint. There is no limitation or pain involved in moving her left elbow or wrist, and there is no pain in neck motion though this was somewhat limited in range. Many Trigger Points were found in the Teres Minor muscles and the left Subscapular.

Treatment included chiropractic adjustment to her left elbow, left shoulder and her neck in accordance with the relevant findings of the chiropractic examination. In addition the patient was given Dry Needling Acupuncture - intramuscular stimulation (IMS) to the Teres Minor muscle only during her first visit and to the left Subscapular only on her second visit. During all of her visits the patient's left side of her neck and the connecting point of the trapezius muscle was treated with the B-Cure Laser Sport Pro for one minute. On her first visit the patient was also treated with B-Cure Laser Pro above the front section of her shoulder for one minute. On the second visit the back side of her shoulder was treated for one minute, and on the third visit she was treated about the connecting point of the proximal biceps. The entire treatment lasted from the 9th to the 18th December 2014 during which there were four treatments. All of which were carried out at the clinic. Following the treatments the patient was instructed to allow her shoulder to rest in a triangle sling on her left, for the first three days, and to increase her liquid intake along with vitamin C as is consistent with IMS treatment.

After the first visit there was a 75% improvement in the range of her left shoulder (successful Apley test) and a significant reduction in the level of pain, although external rotation was still painful and difficult to execute. After the fourth visit the patient reported a 100% improvement in the range of movement and 95-99% improvement in pain level.

The results show the efficacy of treatment with the B-Cure Laser Pro for patients with frozen shoulder, particularly in combinations with chiropractics and Dry Needling (IMS).

All questions or remarks may be sent to Dr, Hirsh at drhirsh@lifeinbalance.co.il

Sincerely,

Dr. Omer Hirsh DC

Chiropractic and Functional Neurology

A handwritten signature in black ink, appearing to be 'Omer Hirsh', located below the printed name.